



PREVENT STORM WATER CONTAMINATION

Best Management Practices for

Section B - Paper and Allied Products Manufacturing



SIC Codes: 2610-2679

General Information:

1) Federal and State Storm Water regulations require the City to reduce the quantity of pollutants that enter our storm drains, rivers, and washes from rain water and other sources. 2) Water from any source that contains contaminant's is prohibited from entering the storm drain system which includes streets, pipes, catch basins (street grates), ditches, washes, parks, and rivers. 3) Commercial and industrial wash or wastewater is prohibited from entering the storm drain system, street or any other outside area. 4) All activities that use soap, solvents, degreasers or any other chemical must be hauled to a landfill or discharged into the sanitary sewer through a sand/oil interceptor or approved pretreatment device. 5) City Code 32C requires any person or business that has a "potential" to pollute storm water, to develop and implement a Storm Water Management Plan (SWMP). 6) The BMPs listed here are not inclusive, and must be tailored for your facility. See 40CFR122 Section 6.B for additional information.

Outdoor loading and unloading

- ◆ Confine loading/unloading activities to a designated response and control area.
- ◆ Avoid loading/unloading materials in the rain.
- ◆ Cover loading/unloading area, or conduct these activities indoors.
- ◆ Develop and implement spill plans.
- ◆ Use berms or dikes around area.
- ◆ Inspect containers for leaks or damage prior to loading and unloading.
- ◆ Use catch buckets, drop cloths, and other spill prevention measures where liquid materials are loaded/unloaded.
- ◆ Provide paved areas to enable easy collection of spilled materials.

Raw and/or waste material storage areas

- ◆ Confine storage to a designated area.
- ◆ Store materials inside.
- ◆ Cover storage areas with a roof or tarp.
- ◆ Use dikes or berms for storage tanks and drum storage.
- ◆ Cover dumpsters used for waste paper and other materials.

- ◆ Store materials on concrete pads to allow for recycling of spills or leaks.
- ◆ Expedite recycling process for exposed scrap paper.
- ◆ Develop and implement spill plans.
- ◆ Provide paved areas to enable easy collection of spilled materials.
- ◆ Provide good housekeeping (i.e. dust and debris collection) where cyclones are used.

Log, lumber and other wood product storage areas

- ◆ Divert storm water around storage areas with ditches, swales and/or berms.
- ◆ Practice good housekeeping measures, such as frequent removal of debris.
- ◆ Line storage areas with crushed rock or gravel or porous pavement to promote infiltration, minimize discharge and provide sediment and erosion control.
- ◆ Use ponds for collection, containment and recycle for log spraying operations.

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Training

- ◆ All employees shall be trained in the following areas and on the BMPs in the SWMP at least once per year.
- ◆ Loading and unloading procedures and storage requirements.
- ◆ Spill response.
- ◆ Good housekeeping.
- ◆ Material management practices.
- ◆ Procedures for equipment and container washing.

Inspections

- ◆ Conduct routine quarterly storm water inspections and within 24 hours after a rain event.
- ◆ All areas exposed to precipitation will be visually inspected for evidence of or the potential for pollutants entering the storm drain system.
- ◆ All structural (berms and dikes) and non-structural BMPs will be inspected to ensure they are operating correctly.
- ◆ Complete the BMP checklist during each inspection and maintain the records for at least three years.

Storm Water Management Plan (SWMP) or Storm Water Pollution Prevention Plan (SWPPP)

- ◆ Develop and implement a SWMP or SWPPP.
- ◆ All Storm Water Plans (SWMP or SWPPP) must be submitted to the City for approval.
- ◆ All regulated facilities (SIC codes) must submit an Industrial Notice of Intent (NOI) to the Arizona Department of Environmental Quality.

If spills occur:

- ◆ **Stop the source of the spill immediately.**
- ◆ **Contain the liquid until cleanup is complete.**
- ◆ **Deploy oil containment booms if the spill may reach water or a storm drain.**
- ◆ **Cover the spill with absorbent material.**
- ◆ **Keep the area well ventilated.**
- ◆ **Dispose of clean-up materials properly.**
- ◆ **Do not use an emulsifier or dispersant.**

The BMPs found on this page are paraphrased from Federal Storm Water documents 40CFR122, 1995 or later.

Storm Water



Management
A member of STORM
Stormwater Outreach for
Regional Municipalities

Only Rain in the Storm Drain!

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City of Phoenix

STREET TRANSPORTATION DEPARTMENT
STORM WATER MANAGEMENT SECTION

Upon request, the Street Transportation Department will make this publication available through appropriate auxiliary aids or services to accommodate an individual with a disability by calling 602-256-3190; or faxing a request to 602-495-2016.